

Broadening The Platform: The Opportunity Of .NET

Bill Gates

**Chairman and Chief Software
Architect**

Microsoft Corporation

Microsoft®

Digital World

- **Media**
 - Photos, music, video, notes
- **Business**
 - Buying/selling, contracts, service, records
- **Knowledge workers**
 - Analysis, meetings, learning



Founding Vision

- Platform: PC
- Software: Basic, MS-DOS, Windows
 - Choice of hardware
 - Choice of software
 - Low price, high volume

Vision 1975:

A computer on every desk and in every home

video

**Everyone's
Talking
Technology**

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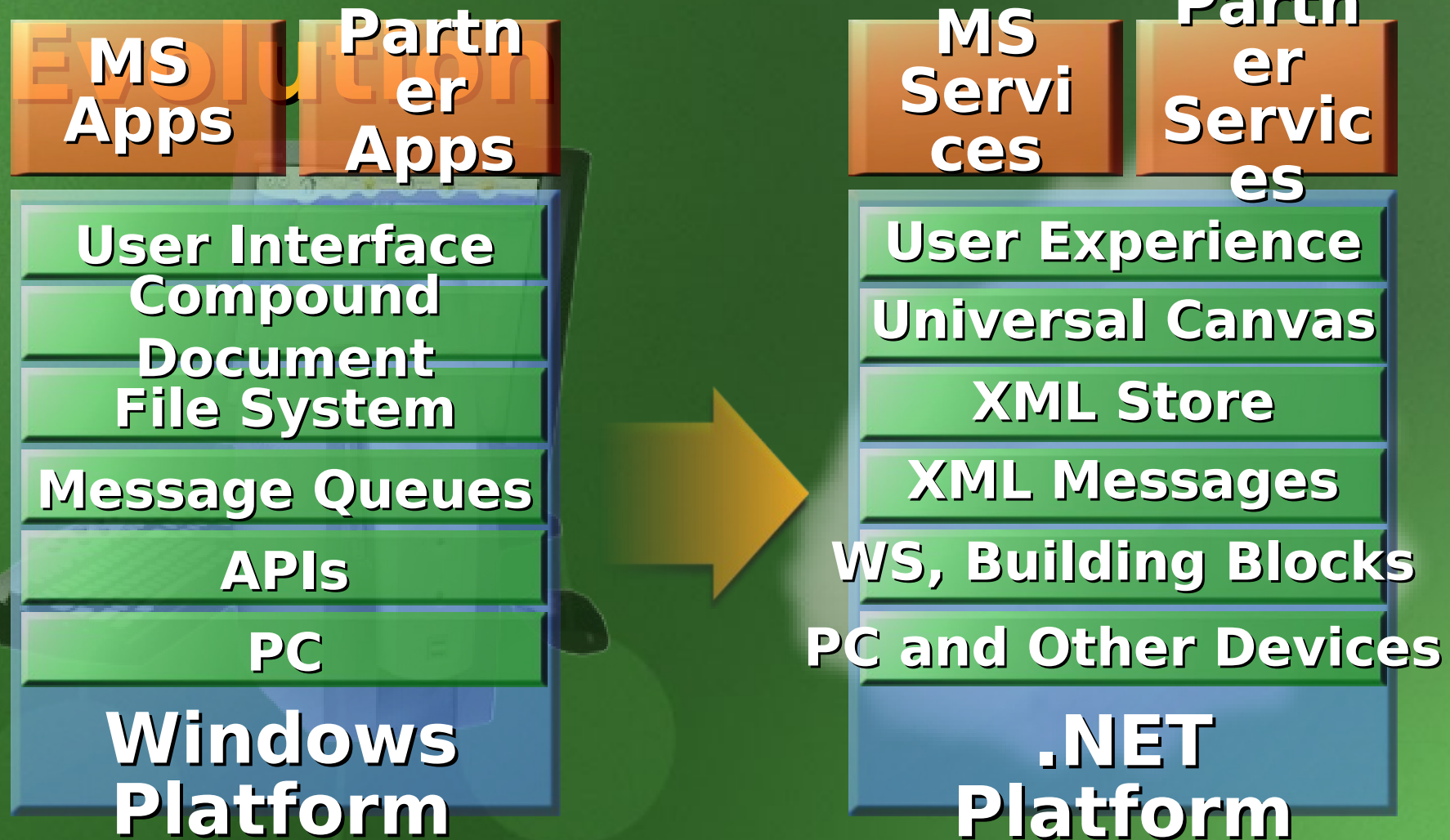
Next-Generation Internet

- Platform: Internet, PC, ...
- Software: .NET
 - Software as a service
 - Smart devices
 - XML-enabled
 - New user experience

Vision 2000:

***Empower people through great
software any time, any place, and on
any device***

.NET: A Natural



*As big a step forward as
from*

Windows Roadmap

Serv
ers



Busine
ss
Client
PCs



Consum
er
Client
PCs



**“Whistl
er”**
First
release
with .NET
technolog
y

2H '01

**“Blackco
mb”**

2000

2001

Post 2001

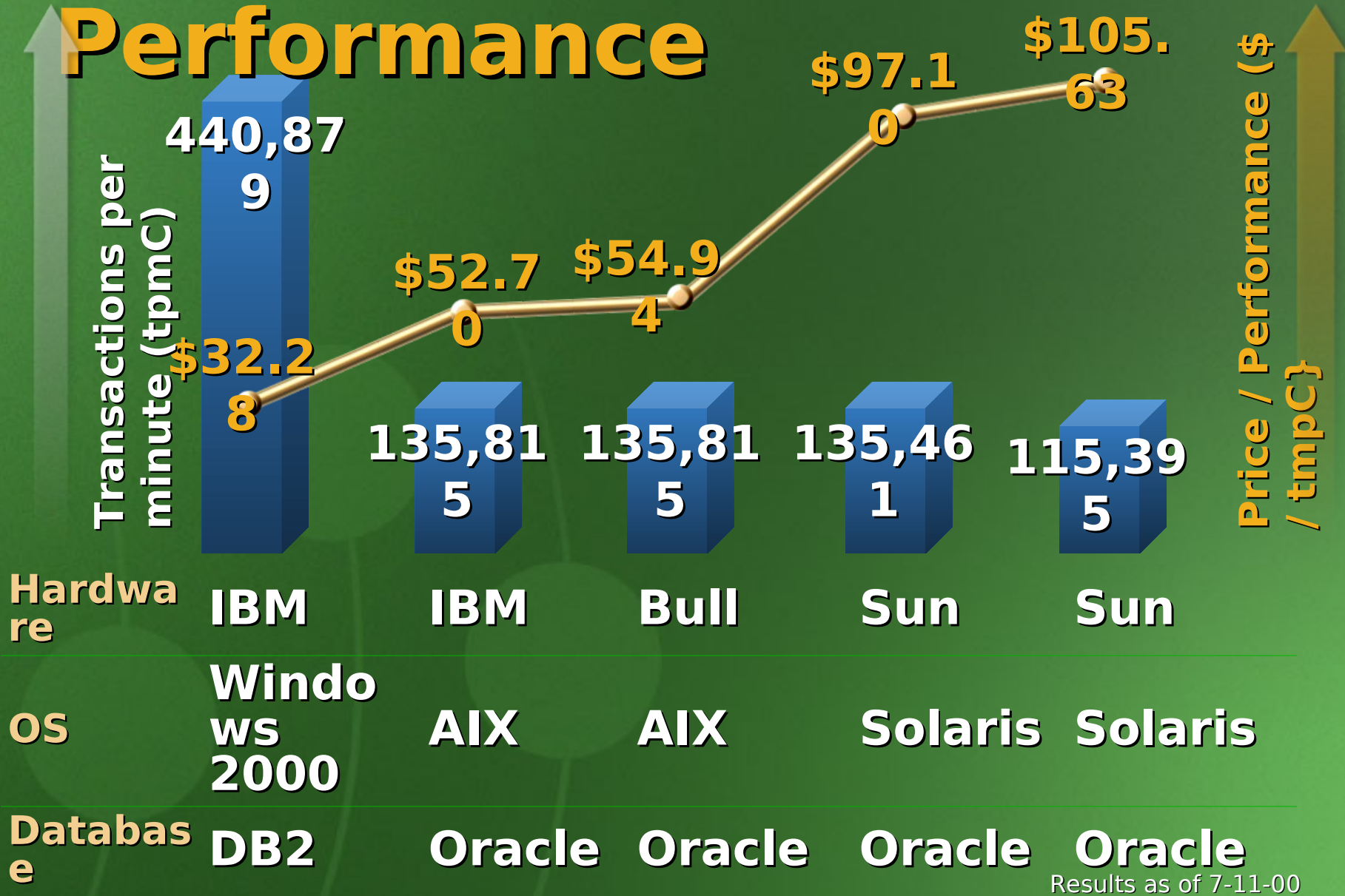
announcing...

**Windows 2000 64-Bit
Edition
Preview Release
Available Today**



Microsoft®

Top 5 TPC-C By Performance



announcing...

Internet Explorer 5.5 Available Today

- **Browse and edit**
- **Improved component model**
- **Enhanced multimedia**
- **Increased international support**
- **Print preview**

Microsoft®

Developer Improvements For Internet Explorer 5.5

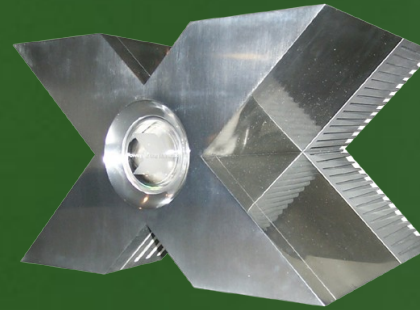
demo

Michael Wallent
IE Product Unit
Manager
Microsoft Corporation

New Devices

Hardware Breakthrough

- **Broadband**
- **Wireless**
- **Smart cards**
- **Incredible PCs with microphone, camera**
- **Tablet PC**
- **Pocket PC, screen phone**
- **PC data center**



New User Experience

- **Communications centric**
- **User can access their information anywhere**
- **Information Agent: Notification, customization**
- **Creativity Web - links, annotation, views, new style guide**
- **Natural Interfaces**
 - **Handwriting**
 - **Speech**
 - **Vision**



New Developer Experience

- **Orchestration**
- **Client-Server-Services platform**
- **Dynamic deployment**
- **One-click hosting**

An Open Language Model

- The .NET platform is language neutral
 - All .NET languages are first class players
 - You can leverage your existing skills
- Extensible support for any language
- Over 100 third-party code partners
 - APL, COBOL, Eiffel, Haskell, ML, Oberon, Pascal, Perl, Python, Scheme, Smalltalk, ...

discussion

**Dr. Bertrand
Meyer**

**President,
Interactive Software
Engineering
Santa Barbara, CA**

Interactive Software Engineering

Tools and Components for Enterprise Applications

COBOL **For .NET** demo

Dr. Basim Kadhim
Chief Architect,
Fujitsu COBOL



COBOL

The 2000 Wave

Windows 2000

Office 2000

Exchange 2000

SQL Server 2000

BizTalk Server

2000
Application Center

2000
Host Integration
Server

2000
Commerce Server

2000
Visual Studio.NET



.NET Opportunity

Developers: Quick development, deployment

ISs: XML services customization

SPs, Hosters: Service aggregation, sales

OEMs: Richer PCs, new devices

Network Ops: More and better services

Looking Ahead

**Microsoft is
committed
to work with you**

**A new generation
of software: .NET**

**Making the
digital world a
reality**

Where do **you** want to go today?

Microsoft

Microsoft®
PDC 2000
Professional Developers Conference

Microsoft®
.net

the defining

point